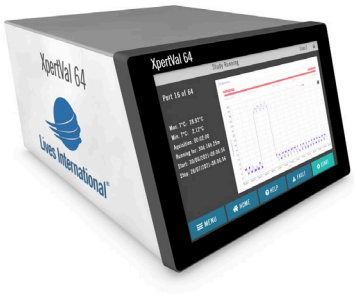
XpertVal64

Thermal Validation Equipment



21 CFR Part 11

- + *64 channels*
- + *Most common sensor types: PT 100, Tc's, Humidity, Pressure, CO2*
- + *Coefficients stored for each sensor*
- + *Sensors compatible with XpertMon Environmental Monitoring System*
- + *Cloud/local based data storage*

Sensors	Interchangeable sensors Most common sensor types: PT 100, Tc's, Humidity, Pressure, CO2
Channels	64 channels Cold junction compensation on each channel (applies to Tc's)
Measuring range	-200 to +1200°C
Accuracy	up to +/-0.05°C
Memory capacity	Internal memory: 16 Gb Backup memory: USB storage device compatible
Sampling rate	1s to 24h for 64 channels
Display	Touch screen, 10.1"
Software	21 CFR Part 11 compliant
Universal input	4 - 20 mA / 0-10 V
Communication	1 x USB to PC 2 x USB to equipment 1 x LAN to PC (with power over Ethernet) 2 x LAN to equipment 1 x 2.4 GHz, 802.11b/g/n
Battery	Internal rechargeable battery Can run on battery for several hours without interruption
Main power	100V to 240V @ 50/60Hz
Synchronization	Multiple units can be synchronized to run simultaneously
Closed loop calibration	Required when using thermocouples for thermal validation System uses temperature block and reference probe, controlled with or without software. Reports generated automatically by the software
Reference probes	Lives XpertRTD, Fluke 1502A, IQRTD
Dry blocks	Compatible with blocks from: Ametek, Fluke, Sika, Isotech
Calibrations	Sensor Calibration: NIST / COFRAC User: closed loop calibration with or without XpertLog® software
Other	Silent operation (no mechanical relays) Can be used standalone, can be operated from XpertLog® software, can be operated from mobile devices

Order Reference

XPERTVAL64

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